Appln. No. 09/743,225
Amd. dated November 25, 2003
Reply to Office Action of August 27, 2003

## Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims:

Claims 1-7 (Cancelled)

8 (Previously presented). The multichain peptideoligomer/polymer conjugate according to claim 24 wherein the protein is avidin, streptavidin, albumin or gamma-globulin.

9(original). The multichain peptide-oligomer/polymer conjugate according to claim 8 wherein the protein is avidin or streptavidin to which two or four residues of the same or different biotinylated peptides are covalently attached.

10 (Previously presented). The multichain peptideoligomer/polymer conjugate according to claim 9 wherein the protein is streptavidin and the biotinylated peptide is 'selected from:

Asn Thr Leu Lys Thr Pro Arg Val Gly Gly (residues 1-10 of SEQ ID NO:8)

Lys Asp Lys Ala Thr Phe Gly Thr His Asp Gly (residues 1-11 of SEQ ID NO:9)

Cys Ala Thr Leu Arg Val Tyr Lys Gly Gly (residues 1-10 of SEQ ID NO:10)

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11(Previously presented). The multichain peptideoligomer/polymer conjugate according to claim 22 wherein the backbone is derived from a non-antigenic synthetic oligomer or polymer.

12 (Original). The multichain peptide-oligomer/ polymer conjugate according to claim 11 wherein the non-antigenic synthetic oligomer or polymer comprises identical or different amino acid residues such as linear or branched polylysine, polyglutamic acid, and copolymers thereof optionally together with further amino acids.

## Claims 13-21 (Cancelled)

22 (Previously presented). A multichain peptideoligomer/polymer conjugate, comprising two or more of the same or
different peptides or peptides derivatives attached to a native
or synthetic oligomeric or polymeric backbone, wherein the
peptide is selected from the group consisting of SEQ ID NO:1, SEQ
ID NO:4 and SEQ ID NO:7, and the peptide derivative is selected
from the group consisting of a cyclic, a chemical and a modified
derivative of a peptide of SEQ ID NO:1, 4 or 7, in which modified
peptide the amino acid(s) residue(s) have been replaced by the
corresponding D-isomer or by a non-natural amino acid residue.

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23 (Previously presented). The multichain peptideoligomer/polymer conjugate according to claim 22, wherein the oligomeric or polymeric backbone is selected from the group consisting of a native protein, an oligosaccharide, an oligonucleotide and a non-antigenic synthetic oligomer or polymer.

24 (Previously presented). The multichain peptideoligomer/polymer conjugate according to claim 23, wherein the polymeric backbone is a native protein.

25 (New). The multichain peptide-oligomer/polymer conjugate of claim 22, wherein said non-natural amino acid residue is selected from the group consisting of a N $\alpha$ -methyl amino acid residue, a C $\alpha$ -methyl amino acid residue, a  $\beta$ -methyl amino acid residue,  $\beta$ -alanine, norvaline, norleucine, 4-aminobutyric acid, 2-aminoisobutyric acid, 6-aminohexanoic acid, ornithine, hydroxyproline, sarcosine, citrulline, cysteic acid, and cyclohexylalanine.